**FIG. 4A**

Hotspot Graph

Summary

40.40.1.23

2

E-115527

E-115925

1

1

192.168.1.10

E-105191

410

6

172.29.99.22

3

172.29.35.32

3

20.20.3.17

30.30.2.24

*FIG. 4B*

Hotspot Graph

Summary

500

Perimeter-1

BR-SW-1

Cloud-3

BR-Head-End-Router

n-22.22.22.0/24

BR-FW-1

Perimeter-4

Cloud-2

HQ-Hub-Router

mars200

HQ-SW-3

HQ-SW-2

HQ-SW-4

Perimeter-19

Perimeter-14

HQ-FW-2

HQ-FW-1

HQ-SW-1

Perimeter-11

HQ-NIDS1

Perimeter-18

HQ-web-1

*FIG. 5A*

e | Security Perimeter Details — Microsoft Internet Explorer

2:25:09 PM PDT :: Close

## Security Perimeter Details

Name: [          ]  Change

Cloud-3

H-10.1.5.234

BR-FW-1

n-10.4.1.0/24

n-10.1.5.0/24

Branch-host1

BR-SW-1

n-10.5.1.0/24

H-10.1.5.30

BR-Head-End-Router

## FIG. 5B

PROTEGO NETWORKS

SUMMARY | INCIDENTS | RULES | EVENT MANAGEMENT | QUERY/REPORTS | ADMIN | HELP | ABOUT

Incidents | False Positives

INCIDENTS | About :: Version 1.0          login: Administrator, Administrator (pnadmin) :: Logout :: Jul 21, 2003 5:50:35 PM PDT :: Activate

Show Incident ID          Show Session ID

Recent Incidents

| IncidentID | Event Type | Matched Rule | Action | Time |
|---|---|---|---|---|
| I: 685029 ✉ | [1302001] Built/teardown/permitted IP connection | Successful Reconn and Buffer Overflow | Epage | 7/21/03 5:26:42PM PDT–7/21/03 5:26:43PM PDT |
| | [1902100] ICMP Network Sweep w/Echo | | | |
| | [1905126] WWW IIS .ida Indexing Service Overflow | | | |

Path

601     602     603     604     605

1 to 1 of 1 | 25 per page

606

FIG. 6

PROTEGO NETWORKS

| SUMMARY | INCIDENTS | RULES | EVENT MANAGEMENT | QUERY/REPORTS | ADMIN | HELP | ABOUT |

Incidents | False Positives

INCIDENTS | About :: Version 1.0     login: Administrator, Administrator (pnodmin) :: Logout :: Jul 21, 2003 5:51:45 PM PDT :: Activate

685029   Show Incident ID   Show Session ID

Matched Rule:    Successful Reconn and Buffer Overflow   701
Description:    Successful Reconn and Buffer Overflow

| Offset | Open | Source IP | Destination IP | Service Name | Event | Device Severity | Counts | Zone | Close | Action/Operation | Time-range |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | $TARGET02 | $TARGET01 | ANY | Probe/HostSweep/All | ANY | 1 | NY | | OR | |
| 2 | | $TARGET02 | $TARGET01 | ANY | Probe/PortSweep/All | ANY | 1 | NY | | FOLLOWED-BY | |
| 3 | | $TARGET02 | $TARGET01 | ANY | Penetrate/BufferOverflow/DNS,Penetrate/BufferOverflow/FTP, Penetrate/BufferOverflow/Mail,Penetrate/BufferOverflow/RPC, Penetrate/BufferOverflow/SSH, Penetrate/BufferOverflow/Telnet, Penetrate/BufferOverflow/Web | ANY | | NY | | FOLLOWED-BY | |
| 4 | | $TARGET01 | ANY | ANY | Info/AllTraffic | ANY | 1 | NY | | Epage | 0hh:5mm:0ss |

Escalate

Incident ID: 685029

| Offset | Session/Incident ID | Events | Source IP/Port | Destination IP/Port | Protocol | Time | Zone | Reporting Devices | Graph | False Positive | Mitigation |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | [1902100]ICMP Network Sweep w/Echo | 40.40.1.23 | 192.168.1.10 | | Total:2 | | | | | 702 |
| 3 | S:676903 I:685029 | [1905126]WWW IIS .ida Indexing Service Overflow | 40.40.1.23 | 192.168.1.10 2500 | 80(Executor,http, http,Web+) | TCP | Jul 21, 2003 5:26:42 PM PDT | CA | HQ-NIDS1 HQ-FW-1 HQ-SW-IDSM-1 | | Tune | 703 |
| 4 | S:676984 I:685029 | [1302001]Built/teardown/permitted IP connection | 192.168.1.10 2000 | 30.30.2.24 | 21(BladeRunner, DollyTrojan,Fore, ftp,InvisibleFTP, WebEx,WinCrash) | TCP | Jul 21, 2003 5:26:43 PM PDT | CA | HQ-FW-1 | | Tune | 704 |

Protego Networks, Inc.     Summary :: Incidents :: Rules :: Event Management :: Query/Reports :: Admin :: Help :: About :: Feedback
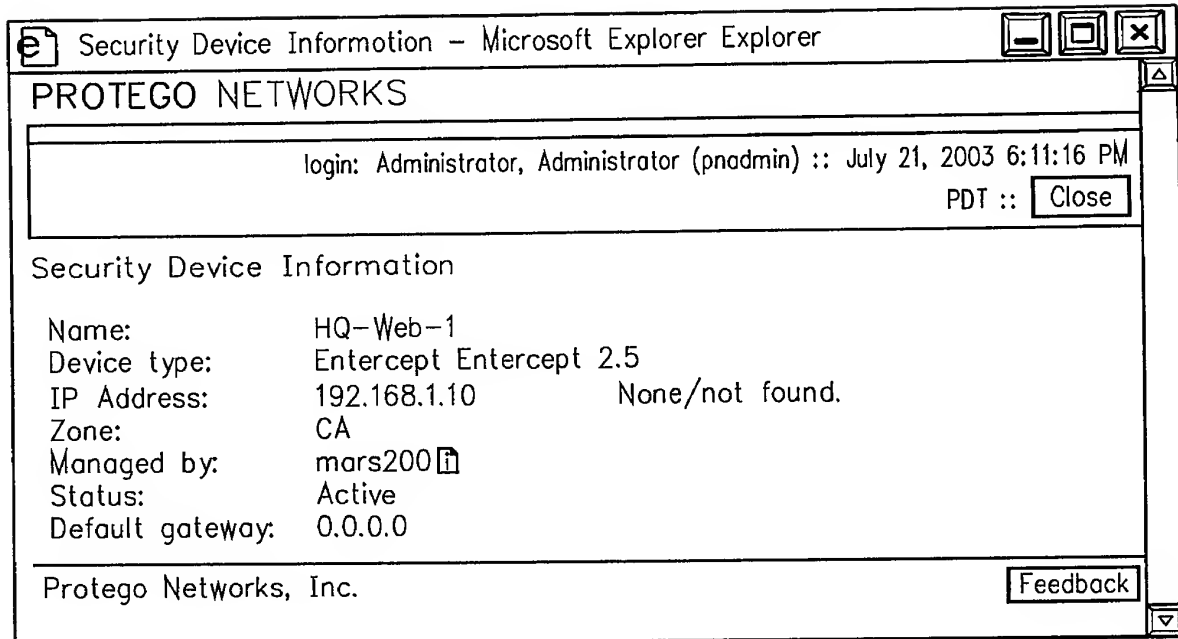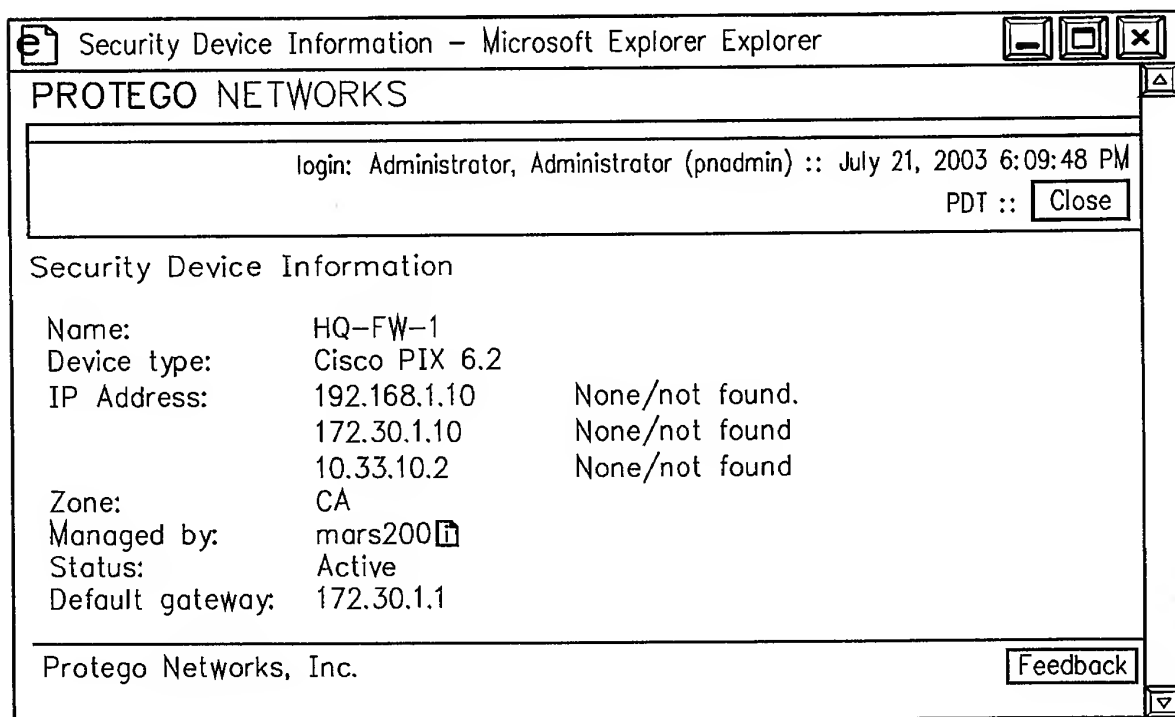
FIG. 7

PROTEGO NETWORKS
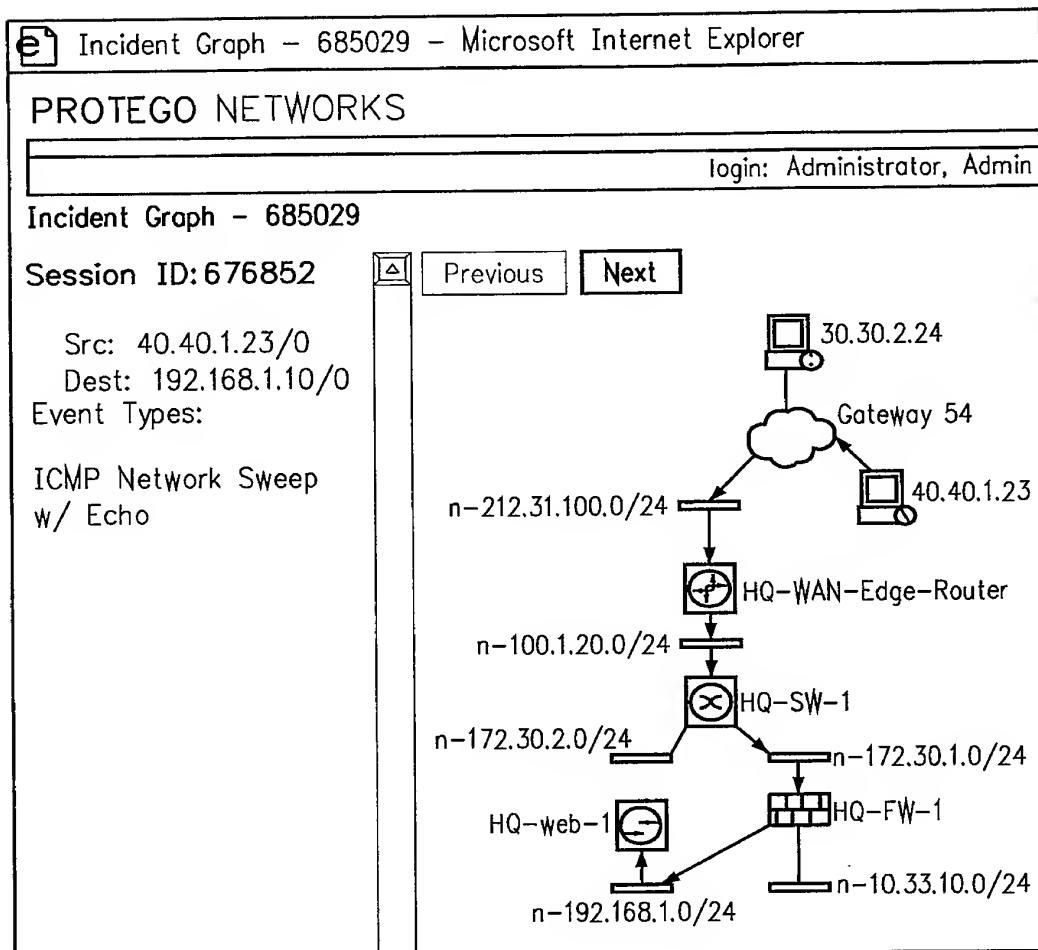
| SUMMARY | INCIDENTS | RULES | EVENT MANAGEMENT | QUERY/REPORTS | ADMIN | HELP | ABOUT |

Incidents | False Positives

INCIDENTS | About :: Version 1.0     login: Administrator, Administrator (pnadmin) :: Logout :: Jul 21,2003 5:51:45 PM PDT :: Activate

685029     Show Incident ID     Show Session ID

**Matched Rule:** Successful Reconn and Buffer Overflow
**Description:** Successful Reconn and Buffer Overflow

| Offset | Open | Source IP | Destination IP | Service Name | Event | Device Severity | Counts | Zone | Close ) | Action/Operation | Time-range |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | $TARGET02 | $TARGET01 | ANY | Probe/HostSweep/All | ANY | ANY | 1 | NY | OR | |
| 2 | | $TARGET02 | $TARGET01 | ANY | Probe/PortSweep/All | ANY | ANY | 1 | NY | FOLLOWED-BY | |
| 3 | | $TARGET02 | $TARGET01 | ANY | Penetrate/BufferOverflow/DNS,Penetrate/BufferOverflow/FTP, Penetrate/BufferOverflow/Mail,Penetrate/BufferOverflow/RPC, Penetrate/BufferOverflow/SSH,Penetrate/BufferOverflow/Telnet, Penetrate/BufferOverflow/Web | ANY | ANY | 1 | NY | FOLLOWED-BY | |
| 4 | | $TARGET01 | ANY | ANY | Info/AllTraffic | ANY | ANY | 1 | NY | Epage | 0hh:5mm:0ss |

Escalate

**Incident ID: 685029**

| Offset | Session/Incident ID | Events | Source IP/Port | Destination IP/Port | Protocol | Time | Zone | Reporting Devices | Graph | False Positive | Mitigation |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Total:2 | | | | | |
| 1 | S:676852 I:685029 | [1902100]ICMP Network Sweep w/Echo | 40.40.1.23 | 192.168.1.10 | | | | | | | |
| 1 | S:676852 I:685029 | [1902100]ICMP Network Sweep w/Echo | 40.40.1.23 0 | 192.168.1.10 0 | ICMP | Jul 21, 2003 5:26:42PM PDT | CA | HQ-SW-IDSM-1 | | Tune | |
| 1 | S:676853 I:685029 | [1902100]ICMP Network Sweep w/Echo | 40.40.1.23 0 | 192.168.1.10 0 | ICMP | Jul 21, 2003 5:26:42PM PDT | CA | HQ-NIDS1 | | Tune | |
| 3 | S:676903 I:685029 | [1905126]WWW IIS .ida Indexing Service Overflow | 40.40.1.23 2500 | 192.168.1.10 80(Executor,http, http,Web+) | TCP | Jul 21, 2003 5:26:42 PM PDT | CA | HQ-NIDS1 HQ-FW-1 HQ-SW-IDSM-1 | | Tune | |
| 4 | S:676984 I:685029 | [1302001]Built/teardown/permitted IP connection | 192.168.1.10 2000 | 30.30.2.24 21(BladeRunner, DollyTrojan,Fore, ftp,InvisibleFTP, WebEx,WinCrash) | TCP | Jul 21, 2003 5:26:43 PM PDT | CA | HQ-FW-1 | | Tune | |

Summary :: Incidents :: Rules :: Event Management :: Query/Reports :: Admin :: Help :: About ::
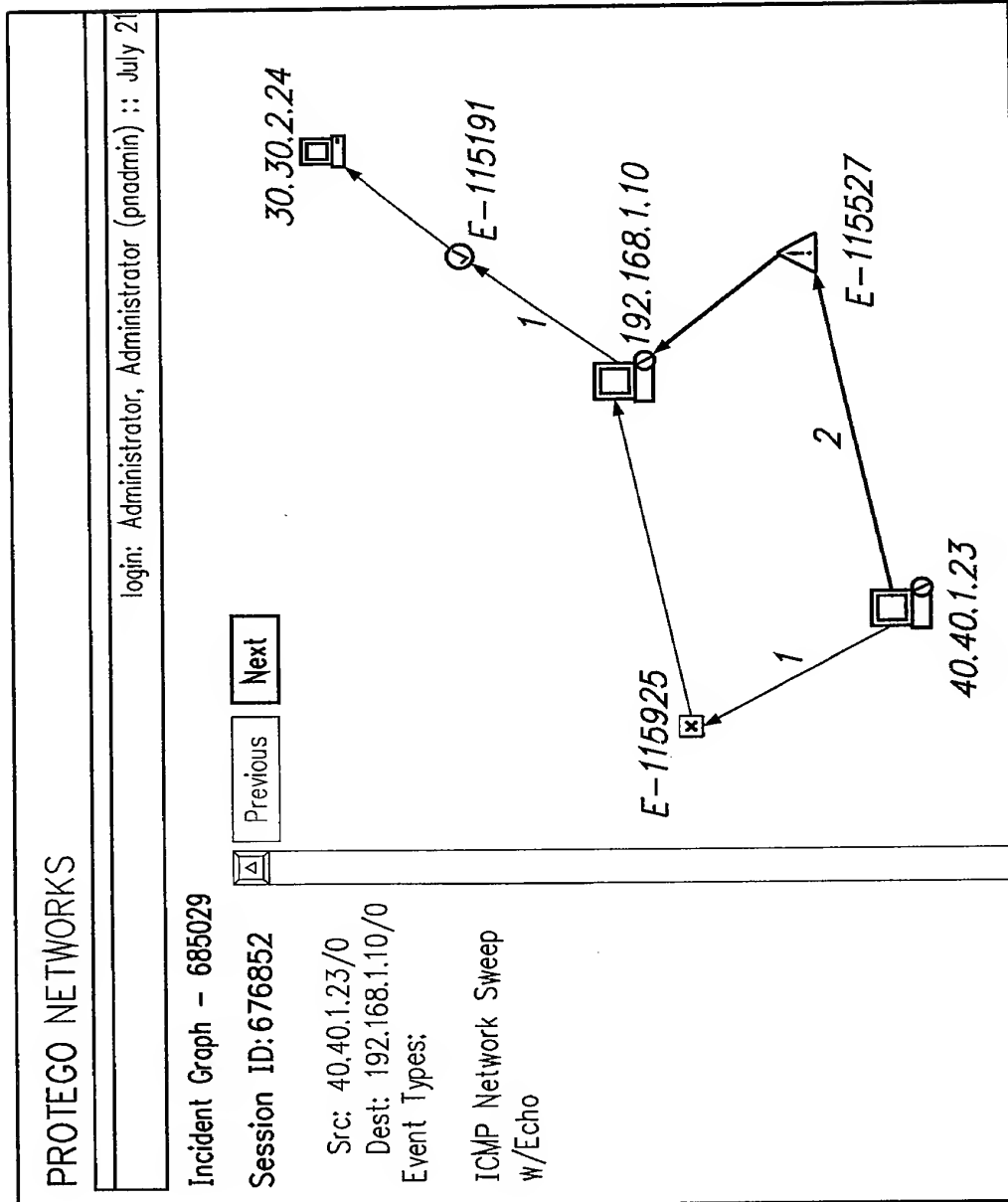
Protege Networks, Inc.

*FIG. 8*

Security Device Information – Microsoft Explorer Explorer

## PROTEGO NETWORKS

login: Administrator, Administrator (pnadmin) :: July 21, 2003 6:11:16 PM

PDT :: [ Close ]

Security Device Information

Name:               HQ-Web-1
Device type:        Entercept Entercept 2.5
IP Address:         192.168.1.10          None/not found.
Zone:               CA
Managed by:         mars200
Status:             Active
Default gateway:    0.0.0.0

Protego Networks, Inc.                                    [ Feedback ]

## FIG. 9

Security Device Information – Microsoft Explorer Explorer

## PROTEGO NETWORKS

login: Administrator, Administrator (pnadmin) :: July 21, 2003 6:09:48 PM

PDT :: [ Close ]

Security Device Information

Name:               HQ-FW-1
Device type:        Cisco PIX 6.2
IP Address:         192.168.1.10          None/not found.
                    172.30.1.10           None/not found
                    10.33.10.2            None/not found
Zone:               CA
Managed by:         mars200
Status:             Active
Default gateway:    172.30.1.1

Protego Networks, Inc.                                    [ Feedback ]

## FIG. 10

e| Raw Events – Microsoft Explorer Explorer

## PROTEGO NETWORKS

login: Administrator, Administrator (pnadmin) :: July 21, 2003 5:53:50 PM

PDT :: | Close |

Raw Events

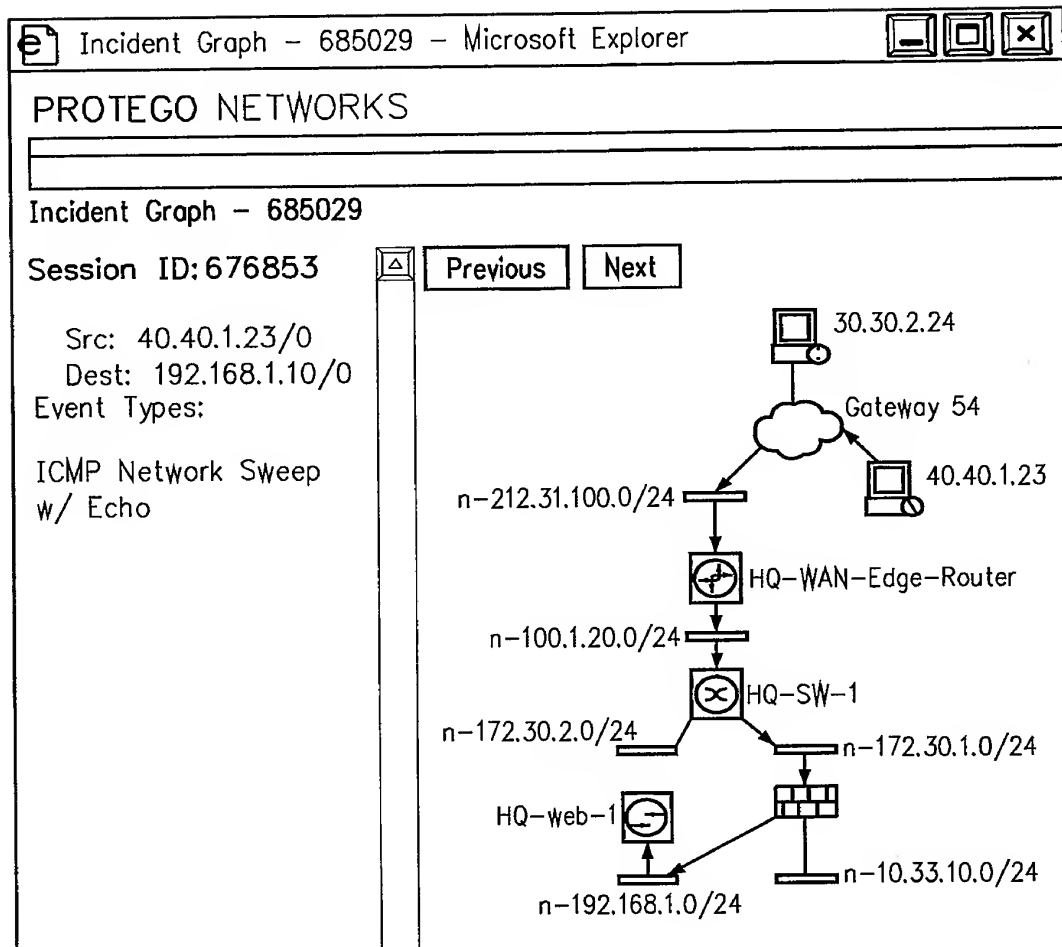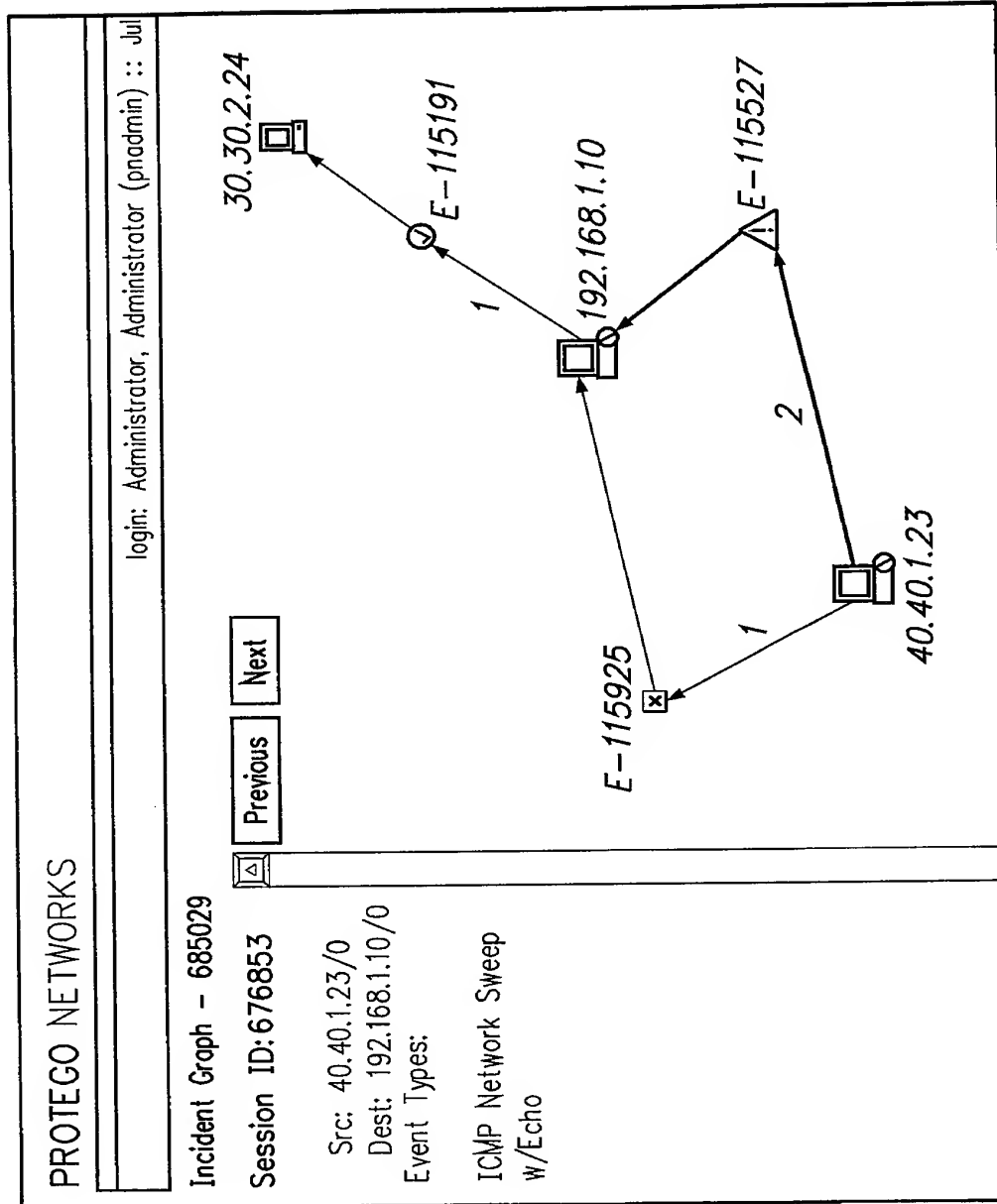| Event/Session/ Incident ID | Reporting Device | Time | Raw Message |
|---|---|---|---|
| E: 676852, S: 676852, I: 685029 ☑ | HQ-SW-IDSM-1 | Jul 21, 2003 5:26:42 PM PDT | 40.40.1.23/0 --> 100.1.4.10/0 ICMP ICMP Network Sweep w/Echo |

Protego Networks, Inc.

| Feedback |

# FIG. 11A

Incident Graph — 685029 — Microsoft Internet Explorer

PROTEGO NETWORKS

login: Administrator, Admin

Incident Graph — 685029

**Session ID: 676852**

Src: 40.40.1.23/0
Dest: 192.168.1.10/0
Event Types:

ICMP Network Sweep
w/ Echo

Previous    Next

30.30.2.24

Gateway 54

40.40.1.23

n-212.31.100.0/24

HQ-WAN-Edge-Router

n-100.1.20.0/24

HQ-SW-1

n-172.30.2.0/24            n-172.30.1.0/24

HQ-web-1        HQ-FW-1

n-10.33.10.0/24

n-192.168.1.0/24

**FIG. 11B**

PROTEGO NETWORKS

login: Administrator, Administrator (pnadmin) :: July 2

Incident Graph - 685029

Previous    Next

Session ID: 676852

Src: 40.40.1.23/0
Dest: 192.168.1.10/0
Event Types:

ICMP Network Sweep
w/Echo

30.30.2.24

E-115191

192.168.1.10

E-115527

1

2

E-115925

1

40.40.1.23

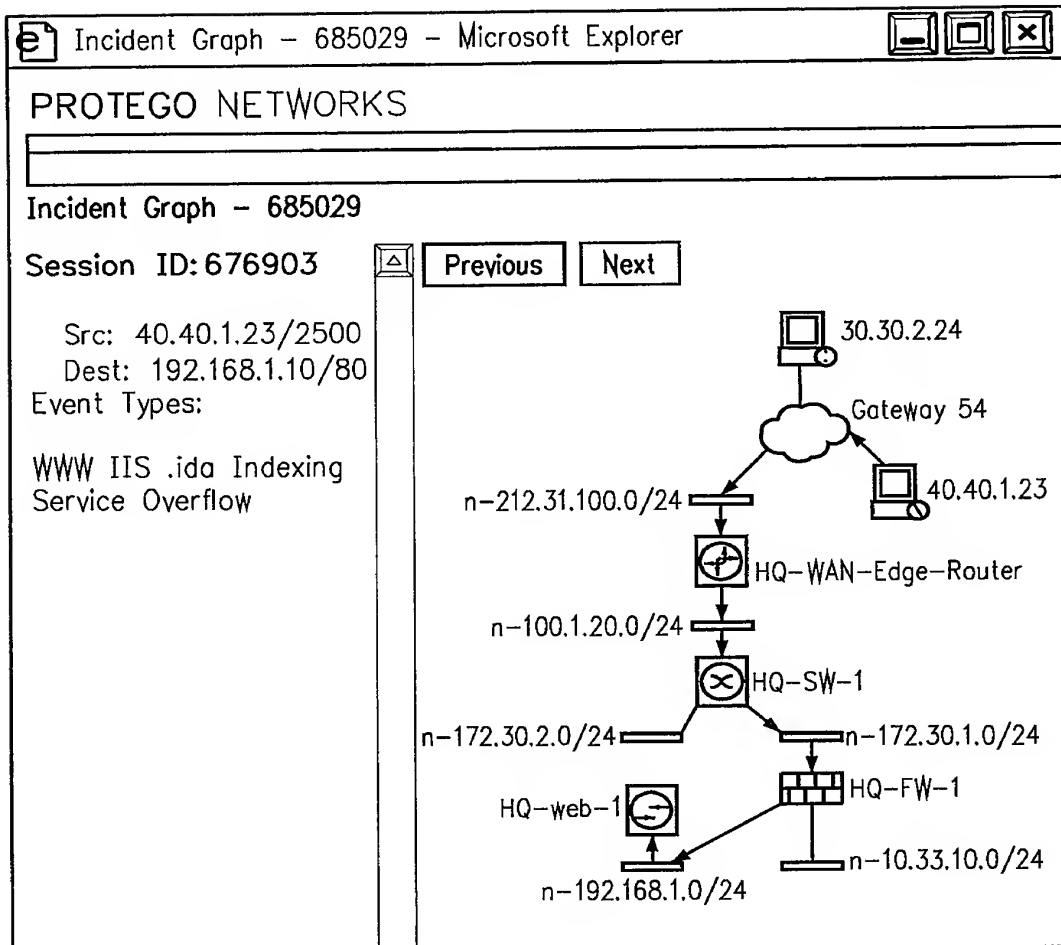**FIG. 11C**

Raw Events – Microsoft Internet Explorer

## PROTEGO NETWORKS

login: Administrator, Administrator (pnadmin) :: July 21, 2003 5:57:01 PM

PDT :: Close

Raw Events

| Event/Session/ Incident ID | Reporting Device | Time | Raw Message |
|---|---|---|---|
| E: 676853, S: 676853, I: 685029 | HQ-NIDS1 | Jul 21, 2003 5:26:42 PM PDT | 40.40.1.23/0 --> 192.168.1.10/0 ICMP ICMP Network Sweep w/Echo |

Protego Networks, Inc.

Feedback

*FIG. 12A*

Incident Graph — 685029 — Microsoft Explorer

# PROTEGO NETWORKS

Incident Graph — 685029

Session ID: 676853

Previous   Next

Src:  40.40.1.23/0
Dest:  192.168.1.10/0
Event Types:

ICMP Network Sweep
w/ Echo

30.30.2.24

Gateway 54

40.40.1.23

n-212.31.100.0/24

HQ-WAN-Edge-Router

n-100.1.20.0/24

HQ-SW-1

n-172.30.2.0/24

n-172.30.1.0/24

HQ-web-1

n-10.33.10.0/24

n-192.168.1.0/24

# FIG. 12B

PROTEGO NETWORKS

login: Administrator, Administrator (pnadmin) :: Jul

Incident Graph – 685029

Previous | Next

Session ID:676853

Src: 40.40.1.23/0
Dest: 192.168.1.10/0
Event Types:

ICMP Network Sweep
w/Echo

30.30.2.24

E–115191

192.168.1.10

E–115527

1

2

E–115925

1

40.40.1.23

**FIG. 12C**

Raw Events – Microsoft Explorer Explorer

Raw Events

| Event/Session/ Incident ID | Reporting Device | Time | Raw Message |
|---|---|---|---|
| E: 676903, S: 676903, I: 685029 ☑ | HQ-FW-1 | Jul 21, 2003 5:26:42 PM PDT | 10.33.10.2<142>%PIX-6-302013; Built inbound TCP connection 2055 for outside:40.40.1.23/2500 (40.40.1.23/2500) to dmz:192.168.1.10/80 (100.1.4.10/80) |
| E: 676905, S: 676903, I: 685029 ☑ | HQ-FW-1 | Jul 21, 2003 5:26:42 PM PDT | 10.33.10.2<142>%PIX-6-302014: Built inbound TCP connection 2055 for outside:40.40.1.23/2500 to dmz:192.168.1.10/80 duration 0:00:22 bytes 752 TCP Reset-0 |
| E: 676901, S: 676903, I: 685029 ☑ | HQ-FW-1 | Jul 21, 2003 5:26:42 PM PDT | 10.33.10.2<141>%PIX-5-304001: 40.40.1.23 Accessed URL 100.1.4.10:.ida?<200+ chors> |
| E: 676904, S: 676903, I: 685029 ☑ | HQ-NIDS1 | Jul 21, 2003 5:26:42 PM PDT | 40.40.1.23/2500 --> 192.168.1.10/80 TCP WWW IIS .ida Indexing Service Overflow |
| E: 676900, S: 676903, I: 685029 ☑ | HQ-SW- IDSM-1 | Jul 21, 2003 5:26:42 PM PDT | 40.40.1.23/2500 --> 100.1.4.10/80 TCP WWW IIS .ida Indexing Service Overflow |

Feedback

Protego Networks, Inc.

*FIG. 13A*

Incident Graph — 685029 — Microsoft Explorer

# PROTEGO NETWORKS

**Incident Graph — 685029**

**Session ID:676903**

Src: 40.40.1.23/2500
Dest: 192.168.1.10/80
Event Types:

WWW IIS .ida Indexing
Service Overflow

Previous    Next

30.30.2.24

Gateway 54

n-212.31.100.0/24

40.40.1.23

HQ-WAN-Edge-Router

n-100.1.20.0/24

HQ-SW-1

n-172.30.2.0/24          n-172.30.1.0/24

HQ-web-1          HQ-FW-1

n-192.168.1.0/24          n-10.33.10.0/24

## FIG. 13B

PROTEGO NETWORKS

login: Administrator, Administrator (pnadmin) :: July 2

Incident Graph – 685029

[Previous] [Next]

Session ID:676903

Src: 40.40.1.23/2500
Dest: 192.168.1.10/80
Event Types:

WWW IIS .ida indexing
Service Overflow

30.30.2.24

E–115191

E–115527

1

192.168.1.10

2

E–115925

40.40.1.23

1

**FIG. 13C**

Raw Events – Microsoft Explorer Explorer

## PROTEGO NETWORKS

login: Administrator, Administrator (pnadmin) :: July 21, 2003 5:58:36 PM

PDT :: Close

### Raw Events

| Event/Session/ Incident ID | Reporting Device | Time | Raw Message |
|---|---|---|---|
| E: 676984, S: 676984, I: 685029 ☒ | HQ-FW-1 | Jul 21, 2003 5:26:43 PM PDT | 10.33.10.2<142>%PIX-6-302013; Built outbound TCP connection 2061 for dmz:192.168.1.10/2000 (100.1.4.10/2000) to outside:30.30.2.24/21 (30.30.2.24/21) |
| E: 676985, S: 676984, I: 685029 ☒ | HQ-FW-1 | Jul 21, 2003 5:26:43 PM PDT | 10.33.10.2<142>%PIX-6-302014; Teardown TCP connection 2061 for dmz:192.168.1.10/2000 to outside:30.30.2.24/21 duration 0:00:22 bytes 752 TCP Reset-O |
| E: 676983, S: 676984, I: 685029 ☒ | HQ-FW-1 | Jul 21, 2003 5:26:43 PM PDT | 10.33.10.2<141>%PIX-6-303002; 192.168.1.10 Retrieved 30.30.2.24:url1 |

Feedback

Protego Networks, Inc.

## FIG. 14A

**FIG. 14B**

FIG. 14C

PROTEGO NETWORKS

Incidents | False Positives

INCIDENTS | About :: Ver

Matched Rule:        Nimd
Description:          Nimd

Offset | Open ( | Source IP
1                   ANY

Incident ID: 685008

Offset | Session/ | Events
         Incident ID

1      S:675271,   [1903215]IIS DO
       I:685008    Attack
                   [1903216]IIS Do
                   Attack
                   [1905114]WWW 1
                   Attack
                   [1905124]IIS CO
                   Decode

1                  [1903215]IIS DO
                   Attack
                   [1903216]IIS Do
                   Attack
                   [1905081]WWW
                   Access
                   [1905114]WWW 1
                   Attack
                   [1905124]IIS CO
                   Decode

Protege Networks, Inc.

---

False Positive Confirm Page – Microsoft Internet Explorer

PROTEGO NETWORKS

INCIDENTS |    login: Administrator, Administrator (pnadmin) :: July 14, 2003 2:16:00 PM PDT ::    Close

False Positive Confirm Page

Attack Type 'IIS Dot Dot Dot Crash Attack' is valid for:

Operating Systems:    Windows NT 4.0
Applications:         Internet Information Server (IIS) 2.0
Protocol:             TCP

The record in the system detected that destination host Corp–Web1 is running:

Operating System:   Windows 200 Server ANY
Service:                Port: 80 (IP) Microsoft IIS 5.0     Host Info

As such, these events are determined to be False Positive.
Is this determination correct?      Yes ○    No ○

Cancel                                                              Next

Protege Networks, Inc.                                          Feedback

**FIG. 15A**

False Positive Confirm Page – Microsoft Internet Explorer

## PROTEGO NETWORKS

INCIDENTS |     login: Administrator, Administrator (pnadmin) :: July 14, 2003 2:17:47 PM PDT :: | Close

### False Positive Confirm Page

Do you want to turn out the false positive by:

⊙ Dropping these event's completely

○ Log to DB only

Cancel

Previous | Next

Protege Networks, Inc.

Feedback

## FIG. 15B

False Positive Confirm Page – Microsoft Internet Explorer

## PROTEGO NETWORKS

INCIDENTS |                login: Administrator, Administrator (pnadmin) :: July 14, 2003 2:18:39 PM PDT ::     Close

False Positive Confirm Page

Attack Type 'IIS Dot Dot Crash Attack' is valid for:

Operating Systems:    Windows NT 4.0
Applications:         Internet Information Server (IIS) 2.0
Protocol:             TCP

The record in the system detected that destination host Corp–web1 is running:

Operating System:     Windows 2000 Server ANY
Service:              Port: 80 (IP) Microsoft IIS 5.0     Host Info

As a result, the following rule has been created to tune out similar false positives:

Rule Progress:

| Name | Source IP | Destination IP | Service | Events | Device | Severity | Zone | Action/Operation | Time Range | Description |
|---|---|---|---|---|---|---|---|---|---|---|
| Drop–FalsePositive–Rule03.07.14/14:18:39 | ANY | [172.29.99.21] Corp–web1 | ANY | [1903216] IIS Dot Dot Crash Attack | ANY | ANY | CA | Drop | ANY | Drop IIS Dot Dot Crash Attack torgeted toward the 172.29.99.21 (false positive) |

Cancel     Confirm

Protege Networks, Inc.                                                Previous          Feedback

## FIG. 15C

Incidents | False Positives

INCIDENTS | About :: Version 1.0     login: Administrator, Administrator (pnadmin) :: Logout :: Jul 14, 2003 2:19:45 PM PDT :: Activate

685008     Show Incident ID     Show Session ID

Matched Rule:     Nimda Rule
Description:       Nimda Rule

| Offset | Open ( | Source IP | Destination IP | Service Name | Event | ) Close | Device | Severity | Counts | Zone | Action/Operation | Time-range |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | ANY | ANY | ANY | Penetrate/Nimdaworm | | ANY | ANY | 5 | NY | Epage | 0hh:10mm:0ss |

Incident ID: 685008

Escalate

| Offset | Session/ Incident ID | Events | Source IP/Port | Destination IP/Port | Protocol | Time | Zone | Reporting Devices | Graph | False Positive | Mitigation |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | S:675271, I:685008 | [1903215]IIS DOT DOT EXECUTE Attack [1903216]IIS Dot Dot Crash Attack [1905114]WWW IIS Unicode Attack [1905124]IIS CGI Double Decode | 20.20.1.15  2509 | 172.29.99.21  80(Executor, http,http,Web+) | TCP | Jul 14, 2003 2:00:57PM PDT | CA | HQ-NIDS-2 HQ-FW-2 HQ-SW- IDSM-1 | | | Tune |
| 1 | | [1903215]IIS DOT DOT EXECUTE Attack [1903216]IIS Dot Dot Crash Attack [1905081]WWW WinNT cmd.exe Access [1905114]WWW IIS Unicode Attack [1905124]IIS CGI Double Decode   Total:5 | | | | | | | | | |

Summary :: Incidents :: Rules :: Event Management :: Query/Reports :: Admin :: Help :: About :: Feedback

Protege Networks, Inc.

*FIG. 15D*

Inspection Rules | Drop Rules

» RULES | About :: Version 1.0          login: Administrator, Administrator (pnadmin) :: [Logout] :: Jul 14,2003 2:20:50 PM PDT :: [Activate]

Drop Rules:

[Edit] [Change Status]                                                                                        [Duplicate] [Add]

| Status | Rule Name | Source IP | Destination IP | Service Name | Event | Device | Severity | Zone | Action/Operation | Time-range | Description |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ☐ 1 | Drop-FalsePositive-Rule03.07.11/16:38:05 | ANY | [172.29.99.21] Corp-web1 | ANY | [1905081] WWW WinNt cmd.exe Access | ANY | ANY | CA | Drop | ANY | Drop WWW WinNT cmd.exe Access targeted towards the 172.29.99.21 (false positive) |
| ☐ 1 | Drop-FalsePositive-Rule03.07.14/14:18:39 | ANY | [172.29.99.21] Corp-web1 | ANY | [1903216] IIS Dot Dot Crash Attack | ANY | ANY | CA | Drop | ANY | Drop IIS Dot Dot Crash Attack targeted towards the 172.29.99.21 (false positive) |

[Edit] [Change Status]                                                                                        [Duplicate] [Add]

Protege Networks, Inc.          Summary :: Incidents :: Rules :: Event Management :: Query/Reports :: Admin :: Help :: About :: [Feedback]

*FIG. 16A*

| Incidents | False Positives |

INCIDENTS | About :: Version 1.0      login: Administrator, Administrator (pnadmin) :: Logout :: Jul 14,2003 2:22:02 PM PDT :: Activate

Select False Positive: Confirmed False Positive Type ▽

| Count | Incidents | Event | Destination IP/Port | Protocol | Zone |
|---|---|---|---|---|---|
| ☐ 7 | I:415004 ☑, I:415008 ☑,<br>I:550001 ☑, I:550008 ☑,<br>I:550012 ☑, I:685004 ☑,<br>I:685008 ☑ | [1903216] IIS Dot Dot Crash Attack 🔲 🔳 ✍ | 172.29.99.21 🔲  80 | TCP | CA |
| ☐ 5 | I:415004 ☑, I:415008 ☑,<br>I:550001 ☑, I:550008 ☑,<br>I:550012 ☑ | [1905081] WWW WinNT cmd.exe Access 🔲 🔳 ✍ | 172.29.99.21 🔲  80 | TCP | CA |

▽     1 to 2 of 2  25 per page

Change Status

Protege Networks, Inc.     Summary :: Incidents :: Rules :: Event Management :: Query/Reports :: Admin :: Help :: About :: Feedback

*FIG. 16B*

Query – Microsoft Internet Explorer

File   Edit   View   Favorites   Tools   Help

Back ▾   Search   Favorites

Address: http://10.1.1.129:8080/gui/Query/index.jsp   Go

PROTEGO NETWORKS

SUMMARY | INCIDENTS | RULES | EVENT MANAGEMENT | QUERY/REPORTS | ADMIN | HELP | ABOUT

Query   Report

QUERY/REPORTS | About :: Version 1.0 login; Administrator, Administrator (pnadmin) :: Logout :: Jul 14, 2003 2:32:06 PM PDT :: Activate

1701

Show Incident ID [          ]          Show Session ID [          ]

Query Event Data
Click the cells below to change query criteria:

| Source IP | Destination IP | Service | Events | Device | Severity | Zone | Operation | Rule Action | Time Range | Display Format |
|-----------|----------------|---------|--------|--------|----------|------|-----------|-------------|------------|----------------|
| 20.20.1.15 | ANY | ANY | ANY | ANY | ANY | ANY | None | ANY  ANY | 1hh:0mm:0ss | Sessions |

Save As Report   Save As Rule   Clear   Submit

Summary :: Incidents :: Rules :: Event Management :: Query/Reports :: Admin :: Help :: About ::   Feedback

Protege Networks, Inc.

FIG. 17A

Query Results – Microsoft Internet Explorer

File  Edit  View  Favorites  Tools  Help

Back ▾ ⊗ ⊠ ⟳ ⟳  Search  Favorites  ⊘  ⟨ ▾ ⊟ W▾ ▯

Address: http://10.1.1.129:8080/gui/Query/QuerySubmit.jsp

Save As Report    Save As Rule    Clear    Submit

### Query Results

| Session/ Incident ID | Events | Source IP/Port | Destination IP/Port | Protocol | Time | Zone | Reporting Devices | Graph | False Positive | Mitigation |
|---|---|---|---|---|---|---|---|---|---|---|
| S:675271, I:685008 ⊠ | [1302001]Built/teardown/permitted IP connection ⊡ <br> [1304001]Accessed a specified URL or FTP site ⊡ ⊘ <br> [1903215]IIS DOT DOT EXECUTE Attack ⊡ ⊘ <br> [1903216]IIS Dot Dot Crash Attack ⊡ ⊡ ⊘ <br> [1905114]WWW IIS Unicode Attack ⊡ ⊠ <br> [1905124]IIS CGI Double Decode ⊡ ⊡ ⊘ | 20.20.1.15 ⊡ 2509 ⊡ | 172.29.99.21⊡ 80(Executor, http,http,Web+) | TCP | Jul 14, 2003 2:00:57PM PDT | CA | HQ-NIDS-2 ⊡ HQ-FW-2 ⊡ HQ-SW- ⊡ IDSM-1⊡⊟ | ⊞ | Tune | |

Protege Networks, Inc.          Summary :: Incidents :: Rules :: Event Management :: Query/Reports :: Admin :: Help :: About ::          Feedback
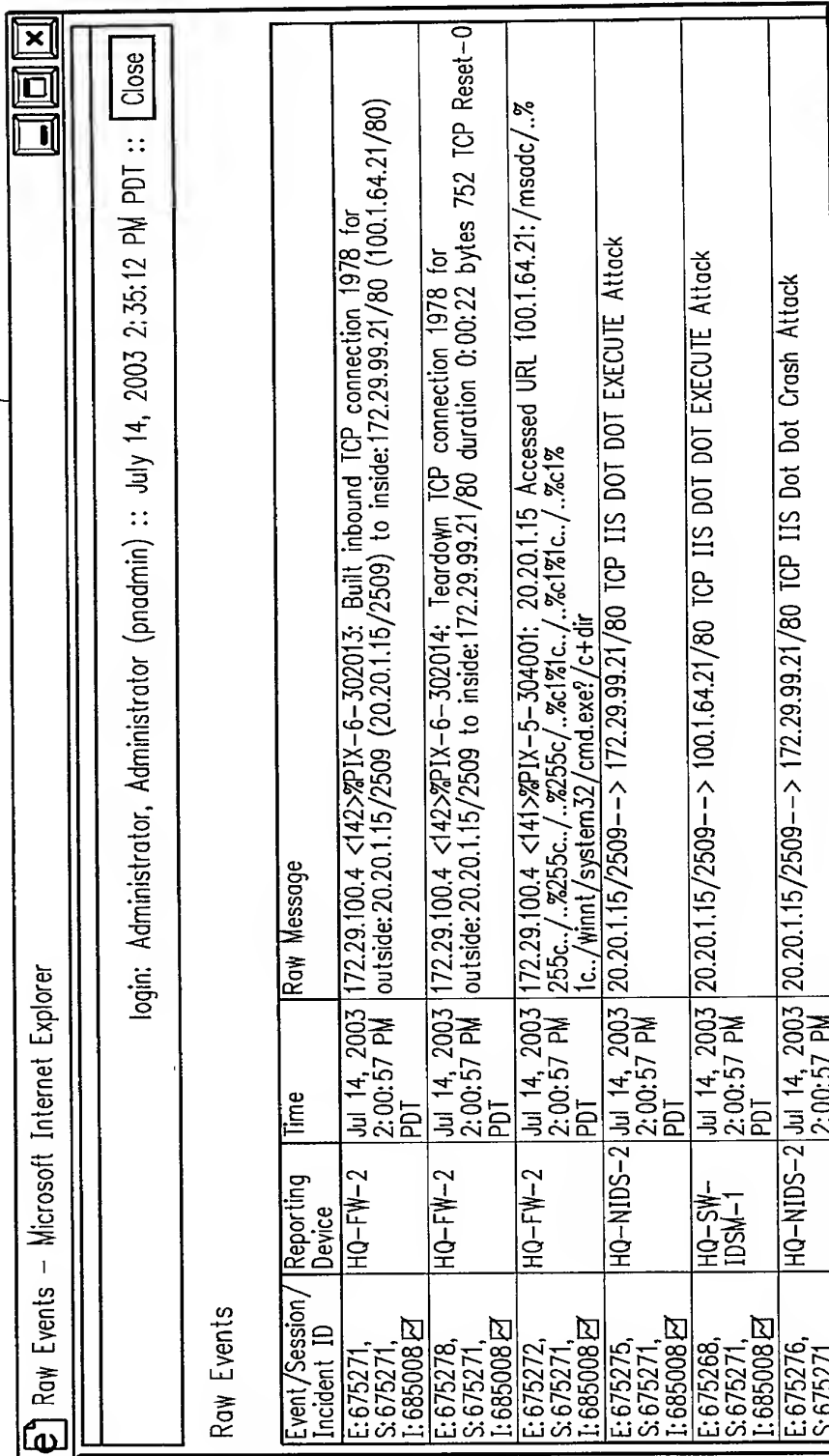
## FIG. 17B

REPLACEMENT SHEET
Title: Method and System for Displaying Network Security Incidents
Appl. No.: 10/661,224          Docket No. 50325-1085

1702

**FIG. 17C**

Raw Events – Microsoft Internet Explorer

login: Administrator, Administrator (pnadmin) :: July 14, 2003 2:35:12 PM PDT :: Close

Raw Events

| Event/Session/ Incident ID | Reporting Device | Time | Raw Message |
|---|---|---|---|
| E:675271, S:675271, I:685008 | HQ–FW–2 | Jul 14, 2003 2:00:57 PM PDT | 172.29.100.4 <142>%PIX–6–302013: Built inbound TCP connection 1978 for outside:20.20.1.15/2509 (20.20.1.15/2509) to inside:172.29.99.21/80 (100.1.64.21/80) |
| E:675278, S:675271, I:685008 | HQ–FW–2 | Jul 14, 2003 2:00:57 PM PDT | 172.29.100.4 <142>%PIX–6–302014: Teardown TCP connection 1978 for outside:20.20.1.15/2509 to inside:172.29.99.21/80 duration 0:00:22 bytes 752 TCP Reset–0 |
| E:675272, S:675271, I:685008 | HQ–FW–2 | Jul 14, 2003 2:00:57 PM PDT | 172.29.100.4 <141>%PIX–5–304001: 20.20.1.15 Accessed URL 100.1.64.21:/msadc/..% 255c../..%255c../..%255c/..%c1%1c../..%c1%1c../..%c1%1c../..%c1% 1c../winnt/system32/cmd.exe?/c+dir |
| E:675275, S:675271, I:685008 | HQ–NIDS–2 | Jul 14, 2003 2:00:57 PM PDT | 20.20.1.15/2509––> 172.29.99.21/80 TCP IIS DOT DOT EXECUTE Attack |
| E:675268, S:675271, I:685008 | HQ–SW– IDSM–1 | Jul 14, 2003 2:00:57 PM PDT | 20.20.1.15/2509––> 100.1.64.21/80 TCP IIS DOT DOT EXECUTE Attack |
| E:675276, S:675271, | HQ–NIDS–2 | Jul 14, 2003 2:00:57 PM | 20.20.1.15/2509––> 172.29.99.21/80 TCP IIS Dot Dot Crash Attack |